

### **Amendment to the abstract**

Please replace the abstract with the following abstract:

A method of pre-distorting a signal of a satellite transmission link so as to offset later transmission of the signal during transmission across the satellite transmission link has a link including route Nyquist band pass filters in up and down links. The signal is passed through a cascade of identical pre-distorting stages each of which generates an approximation of the required pre-distortion. Each successive stage receives the approximation from the preceding stage so that errors in successive approximations converge towards zero.